

# HART™



## DIY Board & Batten Wall

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# PROJECT PLAN

**Finished Dimensions:** 7'6"W x 3'6"H x 2"D

**Skill Level:** Intermediate

# Materials

| Item                              | Qty      |
|-----------------------------------|----------|
| 4" x 1" x 8' Board*               | 8        |
| 2" x 1" x 8' Board*               | 4        |
| 2" Smooth Shank Finishing Nails   | 1 box    |
| Extra White Semi-Gloss Paint      | 1 gallon |
| Sandpaper: Light to Medium Grit** |          |
| Spackle                           |          |
| White Caulk                       |          |
| Wood Glue                         |          |
| Painter's Tape                    |          |
| Paint Brush                       |          |
| Roller                            |          |

\* Board Dimensions are "nominal". Actual dimensions are smaller due to lumber industry standards. Cuts are actual length.

\*\* Starting grit will depend on board surface condition, a rough surface will require starting with a coarse grit first.

Grit is measured in the coarseness of the particles on the sandpaper. The lower the grit number, the coarser the paper. Heavy sanding would require 60 to 80 grit, medium sanding would require 120 to 220 grit, and finish sanding would require 320 to 400 grit. Super fine sanding would be 600 grit and higher.

A select/premium board or plywood comes with a smoother surface finish. It is clear or has very few tight knots, and it will have straight and sharp edges. This grade of wood pairs well with other boards or panels better and requires less time to

# Tools Used



Miter Saw



Drill/Driver



Battery & Charger



Utility Knife



I-Beam Level



Tape Measure



Hammer



Stud Finder



Pencil



Safety Glasses

**Battery Tip:** A 4.0 Ah battery is recommended to be paired with high amp draw tools for maximum efficiency.

# Assembly Instructions

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## Step 1

Prep your space by removing existing baseboards and cleaning the walls.

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## Step 2

Measure from the floor up to where you want the top of your board and batten wall to be and mark with a pencil. Draw a line level around abathroom and put painters tape there for painting.

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## Step 3


Paint the bottom half of the wall with your extra white paint—I used semi-gloss for a shiny look. Choose any color you'd like for the top half of the wall. I wanted a bold look and chose Dark Night by Sherwin Williams.

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## Step 4

Measure your lengths for the first boards to cut on the top AND bottom of bathroom on all four walls. You can remove your painter's tape at this point.

Use the miter saw to cut lengths of wood, cutting corners at a 45-degree angle with the saw.

 **Measure every board!** I learned that my walls are not all created equal, they have settled and have warps that I didn't notice with my naked eye. Measurements I took on one side of the wall would be different than the middle of that same wall, so my boards were all cut at different lengths.

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## Step 5

Locate your beams with a stud finder and mark with pencil. Put wood glue on the back of your boards and position them in place. Nail the tops and bottoms of the boards, making sure to catch beams in a few places so they're extra secure.

## Step 6

Measure the heights of the vertical pieces. I chose to put them every 2 ft. 6 in. apart. Leave these cut with straight edges. Measure each one because they could be different!

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## Step 7

Measure and mark the distance between each board and try to get them symmetrical with the four walls in the bathroom. Nail in these pieces.

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## Step 8

Cut top rail pieces with 45-degree angle corners. It's ok if they are a tiny bit off as you can fix a lot of the spaces with caulk later

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## Step 9

Nail in the top rails.

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## Step 10

Spackle all finishing nail holes and let it dry.

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## Step 11

Caulk all spaces, using your finger or a wet sponge or rag to wipe away excess.

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## Step 12

After the spackle and caulk dries, sand the wood smooth and paint all of the boards white to finish, and you're done!